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- (71) Applicant (for all designated States except US): HERIOT-WATT UNIVERSITY [GB/GB]; Edinburgh EH14 4AS (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): DANIEL, Abraham [IN/GB]; 1 Beechbank Place, Galashiels TD1 2BH (GB). FOTHERINGHAM, Alexander [GB/GB]; 7 Station Yard, Clovenfords TD1 3LT (GB).

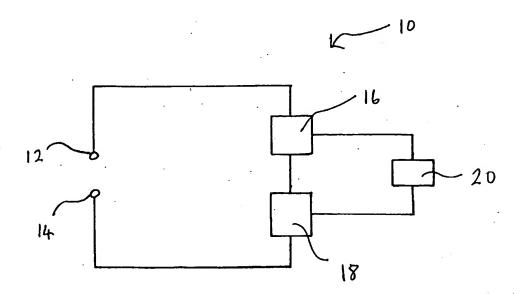
- (74) Agents: SZCZUKA, Jan, Tymoteusz et al.; Marks & Clerk, 19 Royal Exchange Square, Glasgow G1 3AE (GB).
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(54) Title: CONDUCTIVE POLYMER



(57) Abstract: This invention relates to an intrinsically conducting polymer (ICP), a plastics based electrode and a method for making such an electrode. In particular, the plastics based electrode comprises a plastic strip of cellulose acetate acting as a substrate with a thin coating of intrinsically conducting poly (3,4-ethylenedioxythiophene) and poly (4-styrenesulphonate) (i.e. PEDOT/PSS) polymer comprising an amount of vinylacetate/ethylene copolymer. The plastics based electrode may be used in apparatus for the detection of dental caries.

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